

### **AMENDMENTS TO THE SPECIFICATION:**

Please move on page 1 the title **Background of the Invention** to before the 2nd paragraph.

Please add the following heading on page 1 after the title as follows:

#### **Field of the Invention**

Please replace paragraph [0005] with the following amended paragraph:

To meet this object, the present invention provides a method for determining the weight of a load upon a load support means of a hydraulic lifting device, in particular in an industrial truck, in which method the pressure of hydraulic fluid within a lifting cylinder is measured and a reference curve representing the relationship between the weight of the load and the pressure of the hydraulic fluid is determined by multiple measurements of the pressure resulting from loads of known weight and said reference curve is stored, said method comprising the following steps:

lifting and lowering said load support means during a short period upon request of an operator or by automatic means to sense the load before and during load lifting and lowering operations,

obtaining a plurality of pressure measuring values while said load support means is being lifted and lowered during said short period, and generating a pair of average values of said pressure measuring values for lifting and, respectively, lowering, and

generating a third average value of said pair of average values for lifting and, respectively, lowering and applying said third average value to said reference curve for determining the weight of the load.

Please replace paragraph [0007] with the following amended paragraph:

In the method of the invention, a great number of pressure measuring values are obtained both during the brief lifting and lowering steps. The measuring values for the lifting step on the one hand and for the lowering step on the other hand are

used to generate a pair of average values. The pair of average values is used to generate a third average value which is applied to the reference curve in order to determine the load weight.

Please replace paragraph [0010] with the following amended paragraph:

In some lifting devices a plurality of lifting cylinders are operated either sequentially or simultaneously, e.g. in lift fork trucks of the free stroke and load stroke type. In these cases, the present invention preferably provides for determining and storing a reference curve or straight regression line for each of a plurality of basic loads.

Please replace paragraph [0011] with the following amended paragraph:

~~The single figure shows schematically~~ Figs. 1a and 1b are schematic views of a lifting cylinder in accordance with the present invention during lifting and lowering operations, respectively.

Please replace paragraph [0012] with the following amended paragraph:

A lifting cylinder 10 operates, via a piston rod 12, a ~~(not shown)~~ load support means ~~(not shown)~~ of e. g. a ~~not shown~~ industrial truck ~~(not shown)~~. ~~The left-hand sketch Fig. 1(a)~~ represents a lifting operation, and the ~~right-hand sketch Fig. 1(b)~~ represents a lowering operation. This is indicated by arrows 14 and 16, respectively. The arrows 18 and 20 indicate the forces resulting from the weight of a load resting upon the load support means. The arrows 22 and 24 indicate frictional forces occurring during the lifting and lowering operations. In both cases, the frictional force acts in a direction opposite to the direction of movement of the piston. The friction of the hydraulic fluid has been indicated by the arrow 26 and, respectively, 28. The arrow 30 represents the lifting force.

Please replace paragraph [0013] with the following amended paragraph:

As may be seen from the drawing, viscosity and friction effects are compensated due to movements in opposite directions during the measuring cycle.